

# 2005 California Bridge Construction Forum

Opening Remarks  
Dolores Valls



## Overview

- Special Thanks
- Purpose of Forum
- Overview of Past Forums
- 2005 Expectations



## Special Thanks

### Past Forums Sponsors:

CC Myers

E.L. Yeager

Brutoco

MCM

FCI

JF Shea



## Special Thanks

### 2005 Bridge Construction Forum

#### Contractor Representatives:

Michael Eckert, FCI Construction

Steve Van Dorn, Yeager SKANSKA

#### OSC Representatives:

John Babcock

Dennis Wilder

#### Facilitator:

Mike Halverson



## Purpose of Forum

- Share Information & Concerns
- Collect ideas and suggestions
- Improve practices and relationships
- Big Picture - Improve project safety
- We're here to listen !
- You're here to talk !



## Overview of Past Forums

- 2001 Forums
- 2002 Forums
- 2003 – cancelled, travel restrictions

# 2001 Bridge Construction Forum



- Committee of Industry/OSC Managers
- Survey sent out
- Four workshops developed from the popular response areas

## 2001 Workshops



- Falsework practices
- Flyash/ bridge deck cracking
- Training OSC staff
- Support/ Authority of OSC staff
- Open floor discussion



## 2001 Action Items

- Falsework Practices
  - F/W Academy training
- Preapproved Standard F/W details
  - Letter with process sent out
  - See website for copy
- F/W Welding Spec. Change
  - New spec. for demands > 1000# per eighth in. requires F/W engineer to specify welding code



## 2001 Action Items

- Flyash/ Bridge Deck Cracking
  - Improve distribution of flyash knowledge
    - METS outreaches with Industry
    - Translab tour
    - Specific flyash web page
  - Validate if ASR truly a problem
    - METS report available
  - Std. Spec. Changes
    - Eliminate method specs for curing





## 2001 Action Items

- Training OSC Staff
  - Improve Contractor/State working relationship
    - OSC committed to Partnering and Forums
  - Inexperienced staff
    - Senior Specialist positions
    - On-line training Modules



## 2002 Forums Topics

- Innovations for Job Acceleration
- Quality Control & Quality Assurance
- Welding
- Bridge Surveying



## 2002 Action Items

- Innovations for Acceleration
  - Design for acceleration
  - CRIP spec revisions (change to str type)
  - Delayed notice to proceed (60 days)
  - Pre-approved shoring plans (RR approval)
- QC/QA
  - Certified labs list
  - More QC provisions in specs.



## 2002 Action Items

- Welding
  - Revised Welding specs.
    - Testing frequency of ult butt splices
    - Deleted multiple copies of welding codes
  - WQCP Templates
  - Welding training



## 2002 Action Items

- Bridge Construction Surveying
  - New OSC Practices Guidelines
  - Statewide training
  - Revised Dept Survey Manual



## 2005 Forum Expectations

- New Action Items for Improvements
- Feedback on value of Forums
- Sharing of Information - research
- Agreement on Industry/CT team
- All leave saying time was well spent





## Falsework Research Projects

- Design Criteria for Sand Jacks
  - UC San Diego, report due by 12/05
- Investigation of Flange Failures
  - Failures in F/W cap and sill beams
  - Eccentric loading from posts
  - Use of wood blocking as stiffeners
  - Univ of Reno, report due by 2/06



## 2005 California Bridge Construction Forum

- Remember:
  - OSC is here to listen
  - You are here to talk!!!
- Questions?